

Port Series No. 31

Oakland, Alameda, Richmond, and Ports on Carquinez Strait, CA

Port: **Alameda**
Waterway: **Inner Harbor Channel** Mile: PWD: 34
Name: **Alameda Gateway Ferry Terminal, West Pier No. 5.**
Location: Approximately 2.3 miles above entrance to Inner Harbor, at foot of Main Street Datum: MLLW extended.
Operator: Blue and Gold Fleet LP.
Owner: City of Alameda.
Address: 2900 Main Street. Phone: 510-522-3300
Town: Alameda State: CA County: Alameda
Railway Connection: None.
Purpose: Landing for passenger ferries serving Oakland and San Francisco.
Depth Alongside (feet): 35 | 35 | Latitude (decimal): 37.791111
Total Berthing Space (feet): 1490 | 100 | Longitude (decimal): -122.2939
Remarks: Wharf is in line and contiguous with Ref. No. 33. Passenger ferries operate daily to Oakland (Ref. No. 19) and across San Francisco Bay to San Francisco Ferry Building and Fisherman's Wharf (Pier 41). Paved parking lot is located at rear.
Year of Last Survey: 2000 Corps of Engnrs Waterway Code: 82280 Dock Code: 100 San Francisco District

Port: **Alameda**
Waterway: **Inner Harbor Channel** Mile: PWD: 30
Name: **Alameda Gateway Pier.**
Location: Approximately 2 5/8 miles above entrance to Inner Harbor, 1,160 feet above foot of Main Street extended. Datum: MLLW
Operator: Seaway Towing Co. and Alameda Gateway, Ltd.
Owner: U.S. Government.
Address: 2900 Main Street. Phone: 510-521-2727
Town: Alameda State: CA County: Alameda
Railway Connection: None.
Purpose: Mooring company-owned tugs and other floating equipment.
Depth Alongside (feet): 32 | | Latitude (decimal): 37.791111
Total Berthing Space (feet): 640 | | Longitude (decimal): -122.2864
Remarks: Rear of wharf apron is fenced within the compound of U.S. Naval Supply Center at rear.
Year of Last Survey: 2000 Corps of Engnrs Waterway Code: 82280 Dock Code: 118 San Francisco District

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Oakland, Alameda, Richmond, and Ports on Carquinez Strait, CA

Port: **Alameda**
Waterway: **Inner Harbor Channel** Mile: PWD: 33
Name: **Alameda Gateway, East Pier No. 5.**
Location: Approximately 2.3 miles above entrance to Inner Harbor, at foot of Main Street Datum: MLLW extended.
Operator: Bay Ship & Yacht Co.
Owner: Alameda Gateway, Ltd.
Address: 2900 Main Street. Phone: 510-337-9122
Town: Alameda State: CA County: Alameda
Railway Connection: None.
Purpose: Mooring vessels for repair; mooring floating drydock.
Depth Alongside (feet): 32 | 20 | - Latitude (decimal): 37.791389
Total Berthing Space (feet): 350 | 300 | Longitude (decimal): -122.2911
Remarks: Wharf is in line and contiguous with Ref. No. 34. Wharf is equipped with lines for supplying compressed air, natural gas, and salt water. One 2,800-ton, floating drydock is located along upper end of wharf.
Year of Last Survey: 2000 Corps of Engrs Waterway Code: 82280 Dock Code: 107 San Francisco District

Port: **Alameda**
Waterway: **Inner Harbor Channel** Mile: PWD: 32
Name: **Alameda Gateway, Pier No. 2.**
Location: Approximately 2.4 miles above entrance to Inner Harbor, above foot of Main Street Datum: MLLW extended.
Operator: Marine Express Co. and Bay Ship & Yacht Co.
Owner: Alameda Gateway, Ltd.
Address: 2900 Main Street. Phone: 510-523-8900
Town: Alameda State: CA County: Alameda
Railway Connection: None.
Purpose: Mooring company-owned floating equipment; mooring vessels for repair; mooring floating drydock.
Depth Alongside (feet): | 27 - 31 | 28 Latitude (decimal): 37.791944
Total Berthing Space (feet): - | 270 Longitude (decimal): -122.2889
Remarks: A 160-foot bulkhead is located at inner end of slip on lower side. One 400-ton floating drydock is moored along upper side of pier.
Year of Last Survey: 2000 Corps of Engrs Waterway Code: 82280 Dock Code: 112 San Francisco District

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Oakland, Alameda, Richmond, and Ports on Carquinez Strait, CA

Port: **Alameda**
Waterway: **Inner Harbor Channel** Mile: PWD: 31
Name: **Alameda Gateway, Pier No. 4.**
Location: Approximately 2 1/2 miles above entrance to Inner Harbor, 950 feet above foot of Main Street extended. Datum: MLLW
Operator: Seaway Towing Co.
Owner: Alameda Gateway, Ltd.
Address: 2900 Main Street. Phone: 510-521-3283
Town: Alameda State: CA County: Alameda
Railway Connection: None.
Purpose: Mooring company-owned tugs and other floating equipment.
Depth Alongside (feet): | 15 - 32 | 15 - 32 Latitude (decimal): 37.791944
Total Berthing Space (feet): - | 400 | 400 Longitude (decimal): -122.2872
Remarks: Pier forms 180-foot wide slip with Ref. No. 30; depths at quay wall are 20 to 25 feet.
Year of Last Survey: 2000 Corps of Engrs Waterway Code: 82280 Dock Code: 116 San Francisco District

Port: **Alameda**
Waterway: **Inner Harbor Channel** Mile: PWD: 29
Name: **United States Coast Guard, Integrated Support Command Alameda Whar**
Location: Southwest side of U.S. Coast Guard Island, Inner Harbor Channel. Datum: MLLW
Operator: United States Coast Guard.
Owner: U. S. Government.
Address: Coast Guard Island. Phone: 510-437-3285
Town: Alameda State: CA County: Alameda
Railway Connection: None.
Purpose: Mooring U.S. Coast Guard cutters and other floating equipment.
Depth Alongside (feet): 29 | | Latitude (decimal): 37.779722
Total Berthing Space (feet): 1,330 | | Longitude (decimal): -122.2486
Remarks: U.S. Coast Guard Cutters 'WHEC Boutwell', 'WHEC Munro', 'WHEC Morgenthau', and 'WHEC Sherman' are based at wharf.
Year of Last Survey: 2000 Corps of Engrs Waterway Code: 82280 Dock Code: 265 San Francisco District

Port Series No. 31

Oakland, Alameda, Richmond, and Ports on Carquinez Strait, CA

Port: **Alameda**
Waterway: **Tidal Canal** Mile: PWD: 27
Name: **Dutra Construction Co., Alameda Wharf.**
Location: South side, Tidal Canal, foot of Walnut Street extended. Datum: MLLW
Operator: Dutra Construction Co., Inc.
Owner: The Dutra Group.
Address: 2199 Clement Avenue. Phone: 510-522-3758
Town: Alameda State: CA County: Alameda
Railway Connection: None.
Purpose: Mooring derrick barges and other company-owned, floating equipment.
Depth Alongside (feet): 10 - 0 | | Latitude (decimal): 37.773889
Total Berthing Space (feet): 680 | | Longitude (decimal): -122.2406
Remarks: Contractor's dispatch office and maintenance buildings are located at rear.
Year of Last Survey: 2000 Corps of Engrs Waterway Code: 82280 Dock Code: 281 San Francisco District

Port: **Alameda**
Waterway: **Tidal Canal** Mile: PWD: 26
Name: **Stone Boat Yard Wharf.**
Location: South side, Tidal Canal, between foot of Broadway and Everett Street. Datum: MLLW
Operator: Stone Boat Yard.
Owner: David Olson.
Address: 2517 Blanding Avenue. Phone: 415-523-3030
Town: Alameda State: CA County: Alameda
Railway Connection: None.
Purpose: Mooring small vessels for repair and outfitting.
Depth Alongside (feet): 17 | 17 | 17 Latitude (decimal): 37.770278
Total Berthing Space (feet): 150 | 90 | 80 Longitude (decimal): -122.2333
Remarks: Two parallel steel pile, steel frame runways extend from face of wharf forming a 50- by 22-foot rectangular slip for one 50-ton, diesel, mobile, vertical boat lift. A 500-ton marine railway located at upper side of wharf.
Year of Last Survey: 2000 Corps of Engrs Waterway Code: 82280 Dock Code: 298 San Francisco District

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Port: **Alameda**
Waterway: **Tidal Canal** Mile: PWD: 28
Name: **U.S. Naval and Marine Corps Reserve Center Alameda Wharf.**
Location: South side, Tidal Canal, 300 feet above foot of Willow Street extended. Datum: MLLW
Operator: Not operated.
Owner: U. S. Government.
Address: 2144 Clement Avenue. Phone: 510-814-2622
Town: Alameda State: CA County: Alameda
Railway Connection: None.
Purpose: Not used.
Depth Alongside (feet): 13 - 14 | | Latitude (decimal): 37.775278
Total Berthing Space (feet): 50 | | Longitude (decimal): -122.2419
Remarks: Approximately 14 acres of open storage area and Naval and Marine Corps Reserve Center are located at rear.

Year of Last Survey: 2000 Corps of Engnrs Waterway Code: 82280 Dock Code: 275

Port: **Carquinez Strait**
Waterway: **Carquinez Strait** Mile: PWD: 76
Name: **Benicia Industries, Wharf No. 95.**
Location: Benicia, north side of Carquinez Strait; approximately 1,500 feet below Benicia-Martinez Bridge (Interst Datum: MLLW
Operator: Benicia Industries, Inc.; Kinder Morgan Energy Partners LLC; and Huntway Refining Co.
Owner: Benicia Industries, Inc.
Address: Phone: 707-745-2394
Town: Benicia State: CA County: Solano
Railway Connection: Surface tracks serving terminal at rear connect with Union Pacific Railroad.
Purpose: Receipt of automobiles and crude oil; receipt and shipment of general cargo; shipment of bagged rice, petroleum coke and petroleum products.
Depth Alongside (feet): 38 | | Latitude (decimal): 38.041111
Total Berthing Space (feet): 2,404 | | Longitude (decimal): -122.1347
Remarks: Kinder Morgan Energy Partners LLC: Four concrete, coke storage silos with one interstitial bin are located at rear, total capacity 25,000 tons. Huntway Refining Co. of Northern California: One 24-inch crude oil pipeline extends to wharf from 5 storage tanks at rear, total capacity 300,000 barrels; and one 8-inch products pipeline extends from 2 storage tanks at rear, total capacity 48,000 barrels. Terminal occupies approximately 250 acres of paved, fenced, and partially lighted property.

Year of Last Survey: 2000 Corps of Engnrs Waterway Code: 82323 Dock Code: 934 San Francisco District

Port Series No. 31

Oakland, Alameda, Richmond, and Ports on Carquinez Strait, CA

Port: **Carquinez Strait**
Waterway: **Carquinez Strait** Mile: PWD: 66
Name: **California and Hawaiian Sugar Co., Berths 1 through 5.**
Location: South side, Carquinez Strait, Crockett, above Carquinez Bridges (Interstate Highway 80). Datum: MLLW
Operator: California and Hawaiian Sugar Co.
Owner: California and Hawaiian Sugar Co.
Address: 830 Loring Avenue. Phone: 510-787-4336
Town: Crockett State: CA County: Contra Costa
Railway Connection: Tracks inside and along rear of plant buildings connect with Union Pacific Railroad.
Purpose: Receipt of unrefined sugar and plant supplies; occasional shipment of packaged refined sugar.
Depth Alongside (feet): 33 - 34 | - | - Latitude (decimal): 38.057222
Total Berthing Space (feet): 2,815 | | Longitude (decimal): -122.2203
Remarks: Wharf is occupied by a sugar refinery and warehouse buildings for storing packaged sugar. Nine steel storage tanks located in rear have total capacity for 112,000 tons of sugar.
Year of Last Survey: 2000 Corps of Engrs Waterway Code: 82323 Dock Code: 015 San Francisco District

Port: **Carquinez Strait**
Waterway: **Carquinez Strait** Mile: PWD: 78
Name: **California Maritime Academy Wharf.**
Location: Vallejo, north side of Carquinez Strait, below Carquinez (Interstate Highway 80) Bridges. Datum: MLLW
Operator: California Maritime Academy and U.S. Coast Guard.
Owner: State of California.
Address: 200 Maritime Academy Drive. Phone: 707-654-1127
Town: Vallejo State: CA County: Solano
Railway Connection: None.
Purpose: Mooring Maritime Academy training vessels; mooring U.S. Coast Guard vessels.
Depth Alongside (feet): 32 | 20 | 10 Latitude (decimal): 38.065833
Total Berthing Space (feet): 460 | 240 | 100, Longitude (decimal): -122.2311
Remarks: Training vessels 'TS Golden Bear,' 'MV Little Bear,' 'MV Black Bear,' and 'MV Cub,' moor at wharf. Small craft berth at various concrete floats at rear of face. U.S. Coast Guard Station Carquinez is located at rear.
Year of Last Survey: 2000 Corps of Engrs Waterway Code: 82323 Dock Code: 999 San Francisco District

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Oakland, Alameda, Richmond, and Ports on Carquinez Strait, CA

Port: **Carquinez Strait**
Waterway: **Carquinez Strait** Mile: PWD: 77
Name: **City of Benecia Dock.**
Location: Benecia, north side of Carquinez Strait; Approximately 1.5 miles below Benecia-Martinez Bridge, foot of Datum: MLLW
Operator: City of Benecia.
Owner: City of Benecia.
Address: Phone: 707-746-4240
Town: Benecia State: CA County: Solano
Railway Connection: None.
Purpose: Mooring vessels.
Depth Alongside (feet): 8 | | Latitude (decimal): 38.042222
Total Berthing Space (feet): 180 | | Longitude (decimal): -122.1533
Remarks: At time of survey (2000) dock was used by FCI Constructors Interbeton, Inc., A Joint Venture as a mobilization site.

Year of Last Survey: 2000 Corps of Engrs Waterway Code: 82323 Dock Code: 944 San Francisco District

Port: **Carquinez Strait**
Waterway: **Carquinez Strait** Mile: PWD: 67
Name: **Defense Fuel Supply Center, Ozol Wharf.**
Location: South side, Carquinez Strait, Ozol, approximately 2.3 miles below Benecia-Martinez Datum: MLLW
(Interstate Highway 6)
Operator: Not operated.
Owner: U.S. Government.
Address: Phone: 925-250-8651
Town: Ozol State: CA County: Contra Costa
Railway Connection: None.
Purpose: Not used.
Depth Alongside (feet): 40 | | Latitude (decimal): 38.028611
Total Berthing Space (feet): 880 | | Longitude (decimal): -122.1611
Remarks: Two 20-inch pipelines extending from wharf to 12 underground, steel storage tanks, total capacity 1,000,000 barrels were not in use at time of survey (2000). Storage tanks also connect with interstate pipeline system operated by Kinder Morgan Energy Partners LLC.

Year of Last Survey: 2000 Corps of Engrs Waterway Code: 82323 Dock Code: 052 San Francisco District

Port Series No. 31

Oakland, Alameda, Richmond, and Ports on Carquinez Strait, CA

Port: **Carquinez Strait**
Waterway: **Carquinez Strait** Mile: PWD: 75
Name: **ExxonMobil Corp., Benicia Refinery Wharf.**
Location: Benicia, north side of Carquinez Strait, below Benicia-Martinez (Interstate Highway 680) Bridge. Datum: MLLW
Operator: ExxonMobil Corp.
Owner: ExxonMobil Corp.
Address: 3400 East Second Street. Phone: 707-745-7568
Town: Benicia State: CA County: Solano
Railway Connection: Trackage serving refinery in rear connects with Union Pacific Railroad.
Purpose: Receipt and shipment of petroleum products, receipt of crude oil.
Depth Alongside (feet): 32 | | Latitude (decimal): 38.044722
Total Berthing Space (feet): 1,100 | | Longitude (decimal): -122.1292
Remarks: Prefabricated metal building on wharf contains technicians' shelter and 5,000 foot, floating, oil spill containment boom, and recovery equipment. Three 16-inch crude oil pipelines becoming one 36-inch pipeline, extend to 6 steel storage tanks at rear, total capacity 2,280,000 barrels; four 12-inch product pipelines extend to 15 steel storage tanks at rear, total capacity approximately 1,500,000 barrels.
Year of Last Survey: 2000 Corps of Engrs Waterway Code: 82323 Dock Code: 930 San Francisco District

Port: **Carquinez Strait**
Waterway: **Carquinez Strait** Mile: PWD: 68
Name: **Martinez Marina Municipal Pier.**
Location: Martinez, foot of N. Court Street, approximately 1.3 miles below Benicia-Martinez Datum: MLLW
(Interstate Highway 68)
Operator: City of Martinez.
Owner: City of Martinez.
Address: 7 North Court Street. Phone: 925-313-0942
Town: Martinez State: CA County: Contra Costa
Railway Connection: None.
Purpose: Mooring fishing boats and miscellaneous floating equipment; fueling small vessels.
Depth Alongside (feet): 20 - 25 | 5 - 20 | Latitude (decimal): 38.0275
Total Berthing Space (feet): 520 | | Longitude (decimal): -122.1394
Remarks: City of Martinez Marina, which has 423 berths, is located adjacent to and east of pier. Berths consist of plastic foam-filled floats. Oil spill and patrol cleanup vessels are moored in marina. One 20-ton, gasoline travel lift capable of handling 60- by 15-foot boats, travels on 80-foot, timber pile, steel-decked, runways at marina in rear. Metered pumps on wharf are supplied by one 10,000-gallon, diesel fuel, and one 10,000-gallon, gasoline storagetanks.
Year of Last Survey: 2000 Corps of Engrs Waterway Code: 82323 Dock Code: 065 San Francisco District

Port Series No. 31

Oakland, Alameda, Richmond, and Ports on Carquinez Strait, CA

Port: **Carquinez Strait**
Waterway: **Carquinez Strait** Mile: PWD: 69
Name: **Martinez Refining Co., Martinez Refinery Wharf.**
Location: Martinez, approximately 0.6 mile below Benicia-Martinez (Interstate Highway 680) Datum: MLLW Bridge.
Operator: Martinez Refining Co.
Owner: Martinez Refining Co., A Division of Equilon Enterprises LLC.
Address: 1800 Marina Vista Drive Phone: 925-313-5204
Town: Martinez State: CA County: Contra Costa
Railway Connection: Trackage serving refinery in rear connects with Union Pacific Railroad.
Purpose: Receipt and shipment of crude oil and petroleum products.
Depth Alongside (feet): 45 - ea | | 20 - ea Latitude (decimal): 38.031389
Total Berthing Space (feet): 682* | | 442w/ Longitude (decimal): -122.1317
Remarks: One 24-, one 14-, two 12-, two 8-, eight 6-, and one 4-inch pipelines extend from wharf to 66 steel storage tanks located at refinery in rear, total capacity 5,316,000 barrels. Wharf is also served by one 12-inch raw water line, one 10-inch line extends to one 75,000-barrel slop tank; one 3-inch steam line, and one 1 1/2-inch air line. Wharf is equipped with two 1,000 foot oil spill containment booms at each end, and concrete containment basins.

Year of Last Survey: 2000 Corps of Engrs Waterway Code: 82323 Dock Code: 070 San Francisco District

Port: **Carquinez Strait**
Waterway: **Carquinez Strait** Mile: PWD: 72
Name: **Shore Terminals, Martinez Wharf.**
Location: South side of Suisun Bay, approximately 1.2 miles above Union Pacific Railroad Datum: MLLW bridge.
Operator: Shore Terminals, LLC.
Owner: Shore Terminals, LLC.
Address: 2801 Waterfront Road. Phone: 925-228-3227
Town: Martinez State: CA County: Contra Costa
Railway Connection: None.
Purpose: Receipt and shipment of crude oil and petroleum products.
Depth Alongside (feet): 40 | | Latitude (decimal): 38.045556
Total Berthing Space (feet): 1,000 | | Longitude (decimal): -122.1011
Remarks: Two 16-inch unloading arms can be used for crude oil, or one 16- and one 10-inch loading arms for product via manifold. Two 12-inch pipelines extend from wharf to 11 storage tanks in rear, total capacity 800,000 barrels, including two 175,000 barrel, insulated tanks convertible to crude oil. One 2-inch slop line from catch basin on wharf extends to two 10,000-barrel slop tanks. One 30-, and one 12-inch, insulated pipelines extend to wharf from 4crude oil/aviation fuel storage tanks at rear, total capacity 2,000,000 barrels. A vapor recovery system to control vessel loading emissions is installed. One 6-inch pipeline extends to Tosco Refining Co., San FranciscoArea Refinery at Avon (Ref. Nos. 73 and 74), one 20-/16-inch crude oil pipeline extends to ExxonMobil Corp., Benicia Refinery (Ref. No. 75) across the strait. Storage tanks also connect with pipelines operated by Kinder Morgan EnergyPartners LLC. An automated, 1,500 foot floating, oil spill containment boom is maintained on wharf.

Year of Last Survey: 2000 Corps of Engrs Waterway Code: 81050 Dock Code: 012 San Francisco District

Port Series No. 31

Oakland, Alameda, Richmond, and Ports on Carquinez Strait, CA

Port: **Carquinez Strait**
Waterway: **Carquinez Strait** Mile: PWD: 64
Name: **Shore Terminals, Selby Marine Terminal, Small Craft Wharf.**
Location: South side, Carquinez Strait, Selby, 0.1 mile above Davis Point. Datum: MLLW
Operator: Shore Terminals LLC.
Owner: Shore Terminals LLC.
Address: 90 San Pablo Avenue. Phone: 510-787-1076
Town: Selby State: CA County: Contra Costa
Railway Connection: None.
Purpose: Mooring tugs and small craft.
Depth Alongside (feet): 13 - 30 | | Latitude (decimal): 38.058056
Total Berthing Space (feet): 545 | | Longitude (decimal): -122.245
Remarks: -

Year of Last Survey: 2000 Corps of Engrs Waterway Code: 82323 Dock Code: 001 San Francisco District

Port: **Carquinez Strait**
Waterway: **Carquinez Strait** Mile: PWD: 65
Name: **Shore Terminals, Selby Marine Terminal, Tanker Wharf.**
Location: South side, Carquinez Strait, Selby, 1.2 miles above Davis Point. Datum: MLLW
Operator: Shore Terminals LLC.
Owner: Shore Terminals LLC.
Address: 90 San Pablo Avenue. Phone: 510-787-1076
Town: Selby State: CA County: Contra Costa
Railway Connection: None.
Purpose: Receipt and shipment of petroleum products.
Depth Alongside (feet): 40 - 45 | | Latitude (decimal): 38.059167
Total Berthing Space (feet): 850 | | Longitude (decimal): -122.2411
Remarks: Four 12-inch pipelines extend from wharf to 22 storage tanks located at rear, total capacity 3,000,000 barrels. Tankage connects with Kinder Morgan Energy Partners LLC interstate pipeline system.

Year of Last Survey: 2000 Corps of Engrs Waterway Code: 82323 Dock Code: 001 San Francisco District

Port Series No. 31

Oakland, Alameda, Richmond, and Ports on Carquinez Strait, CA

Port: **Carquinez Strait**
Waterway: **Carquinez Strait** Mile: PWD: 70
Name: **Tosco Refining Co., San Francisco Area Refinery at Avon, Amorcó Lo**
Location: Martinez, south side of Carquinez Strait, approximately 1,500 feet below Benicia-Martinez (Interstate Hi) Datum: MLLW
Operator: Not operated.
Owner: Tosco Refining Co., A Division of Tosco Corp.
Address: 150 Solano Way. Phone: 925-376-3138/31
Town: Martinez State: CA County: Contra Costa
Railway Connection: None.
Purpose: Not used.
Depth Alongside (feet): 40 | | Latitude (decimal): 38.035
Total Berthing Space (feet): 982 | | Longitude (decimal): -122.1239
Remarks: Face of wharf and breasting dolphins are in line with adjacent wharf (Ref. No. 71) providing 982 feet of continuous berthing space. Two 12-, two 10-, two 8-, and two 6-inch pipelines extending from wharf to crude oil and petroleum product storage tanks described under Ref. No. 71 were not in use at time of survey (2000). Tanks are connected by pipeline with Tosco Refining Co., San Francisco Area Refinery at Avon, located approximately 1.75 miles eastward.

Year of Last Survey: 2000 Corps of Engrs Waterway Code: 82323 Dock Code: 074 San Francisco District

Port: **Carquinez Strait**
Waterway: **Carquinez Strait** Mile: PWD: 71
Name: **Tosco Refining Co., San Francisco Area Refinery at Avon, Amorcó Up**
Location: Martinez, south side of Carquinez Strait, approximately 1,000 feet below Benicia-Martinez (Interstate Hi) Datum: MLLW
Operator: Tosco Refining Co.
Owner: Tosco Refining Co., A Division of Tosco Corp.
Address: 150 Solano Way. Phone: 925-376-3138/31
Town: Martinez State: CA County: Contra Costa
Railway Connection: None.
Purpose: Receipt of crude oil; shipment of petroleum products.
Depth Alongside (feet): 40 | | Latitude (decimal): 38.035556
Total Berthing Space (feet): 982 | | Longitude (decimal): -122.1233
Remarks: Breasting dolphins are connected by catwalks extending from sides of wharf. Face of wharf and breasting dolphins are in line with adjacent lower wharf and breasting dolphins (Ref. No. 70) providing 982 feet of continuous berthing space. One 20-inch crude oil pipeline extends from wharf to 6 steel, crude oil storage tanks in rear, total capacity 460,000 barrels; two 12-, two 10-, three 8-, and three 6-inch product pipelines extend from wharf to 13 petroleumproducts storage tanks, total capacity 579,000 barrels.

Year of Last Survey: 2000 Corps of Engrs Waterway Code: 82323 Dock Code: 074 San Francisco District

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Oakland, Alameda, Richmond, and Ports on Carquinez Strait, CA

Port: **Carquinez Strait**
Waterway: **Carquinez Strait** Mile: PWD: 74
Name: **Tosco Refining Co., San Francisco Area Refinery at Avon, Barge Wha**
Location: Avon, south side of Suisun Bay, approximately 1.6 miles above Union Pacific Railroad Bridge. Datum: MLLW
Operator: Tosco Refining Co.
Owner: Tosco Refining Co., A Division of Tosco Corp.
Address: 150 Solano Way. Phone: 925-376-3138/31
Town: Avon State: CA County: Contra Costa
Railway Connection: Trackage serving tank car loading racks, warehouses, and drumming plant at refinery in rear connect with Burlington Northern Santa Fe Railway and Union Pacific Railroad.
Purpose: Shipment of petroleum products by barge.
Depth Alongside (feet): 18 | | Latitude (decimal): 38.048333
Total Berthing Space (feet): 350 | | Longitude (decimal): -122.0922
Remarks: Berth is located at rear of Tanker Wharf (Ref. No. 73). Pipelines and tankage are described under Ref. No. 73. Refinery tankage also connects with pipelines operated by Kinder Morgan Energy Partners LLP.
Year of Last Survey: 2000 Corps of Engnrs Waterway Code: 81050 Dock Code: 015 San Francisco District

Port: **Carquinez Strait**
Waterway: **Carquinez Strait** Mile: PWD: 73
Name: **Tosco Refining Co., San Francisco Area Refinery at Avon, Tanker Wh**
Location: Avon, south side of Suisun Bay, approximately 1.6 miles above Union Pacific Railroad Bridge. Datum: MLLW
Operator: Tosco Refining Co.
Owner: Tosco Refining Co., A Division of Tosco Corp.
Address: 150 Solano Way. Phone: 925-376-3138/31
Town: Avon State: CA County: Contra Costa
Railway Connection: Trackage serving tank car loading racks, warehouses, and drumming plant at refinery in rear connect with Burlington Northern Santa Fe Railway and Union Pacific Railroad.
Purpose: Occasional receipt of crude oil; receipt and shipment of petroleum products by tanker and barge.
Depth Alongside (feet): 40 | 40 | 40 Latitude (decimal): 38.048611
Total Berthing Space (feet): 1,505 | | Longitude (decimal): -122.0922
Remarks: Lower and center sections of wharf are connected by a 100-foot walkway. One 20-inch crude oil pipeline, and two 12-, one 10-, three 8-, five 6-, and one 16-inch product pipelines extend from wharf to 29 steel storage tanks at rear, total capacity 1,000,000 barrels. An additional 81 storage tanks are located on opposite side of Waterfront Road, total capacity 6,700,000 barrels. Wharf is also served by one 10-inch fire water, and one 2-inch compressed air lines.
Year of Last Survey: 2000 Corps of Engnrs Waterway Code: 81050 Dock Code: 015 San Francisco District

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Oakland, Alameda, Richmond, and Ports on Carquinez Strait, CA

Port: **Carquinez Strait**
Waterway: **Carquinez Strait** Mile: PWD: 63
Name: **Tosco Refining Co., San Francisco Area Refinery at Rodeo Wharf.**
Location: South side, Carquinez Strait, Oleum, outer end of Davis Point. Datum: MLLW
Operator: Tosco Refining Co.
Owner: Tosco Refining Co., A Division of Tosco Corp.
Address: 1380 San Pablo Avenue. Phone: 510-245-4498
Town: Oleum State: CA County: Contra Costa
Railway Connection: One surface track serves car loading rack at refinery in rear; connects with Union Pacific Railroad.
Purpose: Receipt and shipment of crude oil and petroleum products; occasional bunkering vessels.
Depth Alongside (feet): 38 - 40 | 20 | Latitude (decimal): 38.056667
Total Berthing Space (feet): 1,375 | 622 | Longitude (decimal): -122.2617
Remarks: Two 16-inch crude pipelines, four 12-, three 10-, five 8-, and five 6-inch petroleum product pipelines extend from wharf to 45 storage tanks located at refinery in rear; total capacity 1,000,000 barrels of crude oil; 2,867,000 barrels of petroleum products. Crude oil is also received at refinery by pipeline from California oil fields. Refinery tankage connects via interstate pipeline system owned by Kinder Morgan Energy Partners LLC, and also connects via pipeline with company-owned tanks located at Richmond, California Terminal (See Ref. Nos. 49 and 50 in the Richmond section of this report), and company-owned Santa Maria Refinery at Avila, California. One 2,500-foot, floating, oil spill containment boom located at each end of wharf.

Year of Last Survey: 2000 Corps of Engrs Waterway Code: 82310 Dock Code: 069 San Francisco District

Port: **Carquinez Strait**
Waterway: **Mare Island Strait** Mile: PWD: 80
Name: **Blue and Gold Fleet, Vallejo Ferry Landing.**
Location: Vallejo, east side, Mare Island Strait, foot of Georgia Street extended. Datum: MLLW
Operator: Blue and Gold Fleet LP.
Owner: City of Vallejo.
Address: Phone: 707-643-3779
Town: Vallejo State: CA County: Solano
Railway Connection: None.
Purpose: Landing for passenger ferries serving San Francisco.
Depth Alongside (feet): 6 | | Latitude (decimal): 38.1
Total Berthing Space (feet): 90 | | Longitude (decimal): -122.2628
Remarks: Concrete bulkhead is 700 + 600 feet long on southeast side, and 1,280 feet long on northwest side. Passenger ferries operate daily across San Francisco Bay to San Francisco Ferry Building and Fisherman's Wharf (Pier 41). Parking lot is located on opposite side of Mare Island Way.

Year of Last Survey: 2000 Corps of Engrs Waterway Code: 82310 Dock Code: 152 San Francisco District

Port Series No. 31

Oakland, Alameda, Richmond, and Ports on Carquinez Strait, CA

Port: **Carquinez Strait**
Waterway: **Mare Island Strait** Mile: PWD: 79
Name: **Kiewit Pacific Co., Vallejo Wharf.**
Location: Vallejo, east side, Mare Island Strait, foot of Chestnut Street extended. Datum: MLLW
Operator: Not operated.
Owner: City of Vallejo.
Address: Phone:
Town: Vallejo State: CA County: Solano
Railway Connection: One surface track in rear connects with Union Pacific Railroad.
Purpose: Not used.
Depth Alongside (feet): 10 | | Latitude (decimal): 38.090556
Total Berthing Space (feet): 250 | | Longitude (decimal): -122.2528
Remarks: Wharf was formerly used for handling marine contractor's supplies and equipment.
Year of Last Survey: 2000 Corps of Engrs Waterway Code: 82310 Dock Code: 130 San Francisco District

Port: **Oakland**
Waterway: **Inner Harbor Channel** Mile: PWD: 23
Name: **ConAgra Flour Milling Co. Oakland Plant Wharf.**
Location: North side of Inner Harbor Channel, foot of E. 7th Street. Datum: MLLW
Operator: Dutra Construction Co., Inc.
Owner: ConAgra Flour Milling Co.
Address: 2201 E. 7th Street. Phone: 510-536-9555
Town: Oakland State: CA County: Alameda
Railway Connection: Two surface tracks serve receiving facilities and loading spout at mill in rear; connect with Union Pacific Railroad.
Purpose: Mooring company-owned floating equipment.
Depth Alongside (feet): 15 | | Latitude (decimal): 37.774444
Total Berthing Space (feet): 795 | | Longitude (decimal): -122.2392
Remarks: Concrete silos located in rear have storage capacity for 1,000,000 bushels. Mill is used for processing and packaging grain and flour products.
Year of Last Survey: 2000 Corps of Engrs Waterway Code: 82280 Dock Code: 483 San Francisco District

Port Series No. 31

Oakland, Alameda, Richmond, and Ports on Carquinez Strait, CA

Port: **Oakland**
Waterway: **Inner Harbor Channel** Mile: PWD: 16
Name: **Port of Oakland, Charles P. Howard Container Terminal, Berths 67 a**
Location: North side, Inner Harbor Channel, between foot of Jefferson and Filber Streets Datum: MLLW extended.
Operator: Stevedoring Services of America Terminals.
Owner: Port of Oakland.
Address: One Market Street. Phone: 510-238-4400
Town: Oakland State: CA County: Alameda
Railway Connection: Surface track behind apron connects with Oakland Terminal Railway.
Purpose: Receipt and shipment of conventional, containerized, and roll-on/roll-off, general cargo and heavy lift items.
Depth Alongside (feet): 42 | | Latitude (decimal): 37.794722
Total Berthing Space (feet): 2,016 | | Longitude (decimal): -122.2842
Remarks: Terminal occupies 50 acres including 234 outlets for refrigerated cargo containers.
Year of Last Survey: 2000 Corps of Engrs Waterway Code: 82280 Dock Code: 653 San Francisco District

Port: **Oakland**
Waterway: **Inner Harbor Channel** Mile: PWD: 19
Name: **Port of Oakland, Clay Street Ferry Terminal Landing.**
Location: North side, Inner Harbor Channel, south of foot of Clay Street extended. Datum: MLLW
Operator: Blue and Gold Fleet LP.
Owner: Port of Oakland.
Address: Phone: 415-705-5555
Town: Oakland State: CA County: Alameda
Railway Connection: None.
Purpose: Landing for ferry passengers.
Depth Alongside (feet): 15 | | Latitude (decimal): 37.794444
Total Berthing Space (feet): 75, | | Longitude (decimal): -122.28
Remarks: Passenger ferries operate daily to Alameda (Ref. No. 34) and across San Francisco Bay to San Francisco Ferry Building and Fisherman's Wharf (Pier 41); seasonal service is also provided to Angel Island.
Year of Last Survey: 2000 Corps of Engrs Waterway Code: 82280 Dock Code: 625 San Francisco District

Port Series No. 31

Oakland, Alameda, Richmond, and Ports on Carquinez Strait, CA

Port: **Oakland**
Waterway: **Inner Harbor Channel** Mile: PWD: 20
Name: **Port of Oakland, Jack London Water Taxi Landing.**
Location: North side, Inner Harbor Channel, north of foot of Broadway. Datum: MLLW
Operator: Jack London Water Taxi.
Owner: Port of Oakland.
Address: Phone: 510-839-7572
Town: Oakland State: CA County: Alameda
Railway Connection: None.
Purpose: Landing for water taxi.
Depth Alongside (feet): 20 | | Latitude (decimal): 37.793611
Total Berthing Space (feet): 90 | | Longitude (decimal): -122.2775
Remarks: Operator also serves Reef, Estuary Park, Portobello, and Broadway in Oakland and Grand Marina, Gate 8, Marine Village, and Mariner Square in Alameda.
Year of Last Survey: 2000 Corps of Engrs Waterway Code: 82280 Dock Code: 624

Port: **Oakland**
Waterway: **Inner Harbor Channel** Mile: PWD: 11
Name: **Port of Oakland, Middle Harbor Container Terminal, Berths 55 and 5**
Location: North side of Inner Harbor Channel, foot of 6th Street extended. Datum: MLLW
Operator: Hanjin Shipping Co.
Owner: Port of Oakland.
Address: Phone: 510-627-1450
Town: Oakland State: CA County: Alameda
Railway Connection: Joint Intermodal Terminal owned by Port of Oakland is located adjacent to terminal.
Purpose: Receipt and shipment of containerized general cargo.
Depth Alongside (feet): 42 | | Latitude (decimal): 37.797222
Total Berthing Space (feet): 2,400 | | Longitude (decimal): -122.3217
Remarks: Terminal occupies 120 acres and is described as it will appear upon completion of construction in January 2001. Union Pacific Railroad operates intermodal container transfer yard adjacent to this facility on opposite side of Middle Harbor Road.
Year of Last Survey: 2000 Corps of Engrs Waterway Code: 82280 Dock Code: 750

Port Series No. 31

Oakland, Alameda, Richmond, and Ports on Carquinez Strait, CA

Port: **Oakland**
Waterway: **Inner Harbor Channel** Mile: PWD: 12
Name: **Port of Oakland, Middle Harbor Container Terminal, Berths 60, 61,**
Location: North side of Inner Harbor Channel, above foot of Ferro Street. Datum: MLLW
Operator: American President Lines.
Owner: Port of Oakland.
Address: 1395 Middle Harbor Road. Phone: 510-272-2010
Town: Oakland State: CA County: Alameda
Railway Connection: None.
Purpose: Receipt and shipment of containerized general cargo.
Depth Alongside (feet): 42 | | Latitude (decimal): 37.793611
Total Berthing Space (feet): 2,743 | | Longitude (decimal): -122.3003
Remarks: Terminal occupies 81 acres including 374 outlets for refrigerated cargo containers. Union Pacific Railroad operates intermodal container transfer yard directly north of this facility on opposite side of Middle Harbor Road.

Year of Last Survey: 2000 Corps of Eng'rs Waterway Code: 82280 Dock Code: 692 San Francisco District

Port: **Oakland**
Waterway: **Inner Harbor Channel** Mile: PWD: 21
Name: **Port of Oakland, Ninth Avenue Terminal, Berths 82, 83, and 84.**
Location: North side, Inner Harbor Channel, foot of Ninth Avenue below entrance to Brooklyn Basin North Channel. Datum: MLLW
Operator: Port of Oakland.
Owner: Port of Oakland.
Address: 101 Tenth Avenue. Phone: 510-627-1450
Town: Oakland State: CA County: Alameda
Railway Connection: None.
Purpose: Mooring vessels.
Depth Alongside (feet): 35 | 35 | Latitude (decimal): 37.785833
Total Berthing Space (feet): 950 | 1,115 | Longitude (decimal): -122.2583
Remarks: Approximately 26 acres of paved open storage area are located at rear.

Year of Last Survey: 2000 Corps of Eng'rs Waterway Code: 82280 Dock Code: 556 San Francisco District

Port Series No. 31

Oakland, Alameda, Richmond, and Ports on Carquinez Strait, CA

Port: **Oakland**
Waterway: **Inner Harbor Channel** Mile: PWD: 18
Name: **Port of Oakland, Potomac Dock.**
Location: North side, Inner Harbor Channel, foot of Clay Street extended. Datum: MLLW
Operator: Potomac Association.
Owner: Port of Oakland.
Address: 540 Water Street. Phone: 510-627-1215
Town: Oakland State: CA County: Alameda
Railway Connection: None.
Purpose: Mooring Presidential Yacht Potomac.
Depth Alongside (feet): 15 | | Latitude (decimal): 37.795278
Total Berthing Space (feet): 80 | | Longitude (decimal): -122.2797
Remarks: Potomac was Franklin Delano Roosevelt's 'Floating White House.' Seasonal harbor cruises are available.
Year of Last Survey: 2000 Corps of Engnrs Waterway Code: 82280 Dock Code: 627

Port: **Oakland**
Waterway: **Inner Harbor Channel** Mile: PWD: 17
Name: **Port of Oakland, Station 2 Fireboat Dock.**
Location: North side, Inner Harbor Channel, north of foot of Clay Street extended. Datum: MLLW
Operator: City of Oakland Fire Department.
Owner: Port of Oakland.
Address: 100 Jack London Square. Phone: 510-238-4002
Town: Oakland State: CA County: Alameda
Railway Connection: None.
Purpose: Mooring fireboat 'Sea Wolf.'
Depth Alongside (feet): 25 | | Latitude (decimal): 37.795556
Total Berthing Space (feet): 85 | | Longitude (decimal): -122.2803
Remarks: Oakland Fire Department Station 2 is located at rear.
Year of Last Survey: 2000 Corps of Engnrs Waterway Code: 82280 Dock Code: 629 San Francisco District

Port Series No. 31

Oakland, Alameda, Richmond, and Ports on Carquinez Strait, CA

Port: **Oakland**
 Waterway: **Inner Harbor Channel** Mile: PWD: 24
 Name: **RMC Pacific Materials, Oakland Wharf.**
 Location: North side of Inner Harbor Channel, below Park Street Bridge. Datum: MLLW
 Operator: Seaworks, Inc.
 Owner: RMC Pacific Materials.
 Address: 333 23rd Avenue. Phone: 510-533-5093
 Town: Oakland State: CA County: Alameda
 Railway Connection: None.
 Purpose: Mooring vessels.
 Depth Alongside (feet): 10 | | Latitude (decimal): 37.7725
 Total Berthing Space (feet): 93 | | Longitude (decimal): -122.2358
 Remarks: Concrete batch plant and open storage area for 21,000 tons of sand are located at rear. Trucks previously transported sand from two 60-ton, steel hoppers to batch plant.
 Year of Last Survey: 2000 Corps of Engrs Waterway Code: 82280 Dock Code: 470 San Francisco District

Port: **Oakland**
 Waterway: **Inner Harbor Channel** Mile: PWD: 14
 Name: **Schnitzer Steel Products Co., 6th Street Pier.**
 Location: North side, Inner Harbor Channel, between foot of Magnolia and Adeline Streets Datum: MLLW
 Operator: Schnitzer Steel Products Co.
 Owner: Schnitzer Steel Products Co.
 Address: 1101 Embarcadero West. Phone: 510-444-3919
 Town: Oakland State: CA County: Alameda
 Railway Connection: Trackage serving yard at rear connects with Union Pacific Railroad.
 Purpose: Shipment of shredded scrap metal.
 Depth Alongside (feet): 36 | 2 - 30 | 2 - 30 Latitude (decimal): 37.794167
 Total Berthing Space (feet): 700 | - | - Longitude (decimal): -122.2917
 Remarks: Vessels using pier breast against face of 7th Street Pier (Ref. No. 13).
 Year of Last Survey: 2000 Corps of Engrs Waterway Code: 82280 Dock Code: 665 San Francisco District

Port Series No. 31

Oakland, Alameda, Richmond, and Ports on Carquinez Strait, CA

Port: **Oakland**
Waterway: **Inner Harbor Channel** Mile: PWD: 15
Name: **Schnitzer Steel Products Co., Bulkhead Wharf.**
Location: North side, Inner Harbor Channel, between foot of Adeline and Chestnut Streets Datum: MLLW extended.
Operator: Schnitzer Steel Products Co.
Owner: Schnitzer Steel Products Co. and Port of Oakland.
Address: 1101 Embarcadero West. Phone: 510-444-3919
Town: Oakland State: CA County: Alameda
Railway Connection: Trackage serving yard at rear connects with Union Pacific Railroad.
Purpose: Receipt of scrap metal by barge.
Depth Alongside (feet): 31 | | Latitude (decimal): 37.795278
Total Berthing Space (feet): 500 | | Longitude (decimal): -122.2894
Remarks: -

Year of Last Survey: 2000 Corps of Engrs Waterway Code: 82280 Dock Code: 665 San Francisco District

Port: **Oakland**
Waterway: **Inner Harbor Channel** Mile: PWD: 13
Name: **Schnitzer Steel Products, 7th Street Pier.**
Location: North side, Inner Harbor Channel, between foot of Magnolia and Adeline Streets Datum: MLLW extended.
Operator: Schnitzer Steel Products Co.
Owner: Schnitzer Steel Products Co.
Address: 1101 Embarcadero West. Phone: 510-444-3919
Town: Oakland State: CA County: Alameda
Railway Connection: Trackage serving yard at rear connects with Union Pacific Railroad.
Purpose: Shipment of ferrous scrap metal.
Depth Alongside (feet): 36 | | Latitude (decimal): 37.793889
Total Berthing Space (feet): 875 | | Longitude (decimal): -122.2925
Remarks: Scrap metal processing plant and 33 acres of open storage area are located in rear of pier and Ref. Nos. 14 and 15. Vessels at berth breast against adjacent pier (Ref. No. 14).

Year of Last Survey: 2000 Corps of Engrs Waterway Code: 82280 Dock Code: 665 San Francisco District

Port Series No. 31

Oakland, Alameda, Richmond, and Ports on Carquinez Strait, CA

Port: **Oakland**
Waterway: **Inner Harbor, Brooklyn Basin** Mile: PWD: 22
Name: **Port of Oakland, Livingston Street Pier.**
Location: Inner Harbor, north side of Brooklyn Basin, foot of Livingston Street. Datum: MLLW
Operator: Vortex Diving, Inc.
Owner: Port of Oakland.
Address: 1995 Embarcadero. Phone: 510-865-8666
Town: Oakland State: CA County: Alameda
Railway Connection: None.
Purpose: Mooring company-owned floating equipment; handling construction supplies and equipment.
Depth Alongside (feet): 12 - 14 | 0 - 12 | 0 - 12 Latitude (decimal): 37.78
Total Berthing Space (feet): 124 | - | 260 Longitude (decimal): -122.2433
Remarks: Operator engages in marine construction and commercial diving.
Year of Last Survey: 2000 Corps of Engrs Waterway Code: 82280 Dock Code: 503 San Francisco District

Port: **Oakland**
Waterway: **Oakland Outer Harbor** Mile: PWD: 2
Name: **Port of Oakland, Bay Bridge Terminal, Berths 8, 9 and 10.**
Location: North and east sides at inner end of Oakland Outer Harbor. Datum: MLLW
Operator: Amnav Maritime Services; Westar Marine Services; and Port of Oakland.
Owner: Port of Oakland.
Address: Phone: 510-627-1450
Town: Oakland State: CA County: Alameda
Railway Connection: One surface track at rear connects with Oakland Terminal Railway, Union Pacific Railroad, and Burlington Northern Santa Fe Railway.
Purpose: Berth 8: Mooring company-owned vessels; mooring vessels. Berth 10: Dredge material holding ponds.
Depth Alongside (feet): 35 | 35 | - Latitude (decimal): 37.821667
Total Berthing Space (feet): 1,000 | 1,200 | 839 Longitude (decimal): -122.31
Remarks: -
Year of Last Survey: 2000 Corps of Engrs Waterway Code: 82280 Dock Code: 965 San Francisco District

Port Series No. 31

Oakland, Alameda, Richmond, and Ports on Carquinez Strait, CA

Port: **Oakland**
Waterway: **Oakland Outer Harbor** Mile: PWD: 9
Name: **Port of Oakland, Ben E. Nutter Container Terminal, Berths 35, 37,**
Location: Outer end, northerly side of Seventh Street Marine Terminal. Datum: MLLW
Operator: Marine Terminals Corp.
Owner: Port of Oakland.
Address: 5190 Seventh Street. Phone: 510-645-2402
Town: Oakland State: CA County: Alameda
Railway Connection: None.
Purpose: Receipt and shipment of containerized general cargo.
Depth Alongside (feet): 42 | 38 | Latitude (decimal): 37.807222
Total Berthing Space (feet): 2,351 | 862 | Longitude (decimal): -122.3397
Remarks: Terminal occupies 58 acres, including 330 outlets for refrigerated cargo containers.
Year of Last Survey: 2000 Corps of Engrs Waterway Code: 82280 Dock Code: 854 San Francisco District

Port: **Oakland**
Waterway: **Oakland Outer Harbor** Mile: PWD: 1
Name: **Port of Oakland, Burma Road Terminal, Berth 7.**
Location: North side at inner end of Oakland Outer Harbor. Datum: MLLW
Operator: Marine Terminals Corp.
Owner: Port of Oakland.
Address: 220 Burma Road. Phone: 510-645-1457
Town: Oakland State: CA County: Alameda
Railway Connection: One surface track at rear of transit shed connects with Oakland Terminal Railway, Union Pacific Railroad, and Burlington Northern Santa Fe Railway.
Purpose: Receipt and shipment of break bulk general cargo, including steel products, roll-on/roll-off cargo, and heavy lift items.
Depth Alongside (feet): 35 | | Latitude (decimal): 37.82
Total Berthing Space (feet): 1,459 | | Longitude (decimal): -122.3175
Remarks: Terminal occupies 29 acres.
Year of Last Survey: 2000 Corps of Engrs Waterway Code: 82280 Dock Code: 984

Port Series No. 31

Oakland, Alameda, Richmond, and Ports on Carquinez Strait, CA

Port: **Oakland**
Waterway: **Oakland Outer Harbor** Mile: PWD: 4
Name: **Port of Oakland, Outer Harbor Container Terminal, Berth 23.**
Location: Southeasterly Oakland Outer Harbor, northeast of foot of Pier Street. Datum: MLLW
Operator: Yusen Terminals, Inc.
Owner: Port of Oakland.
Address: 1195 Maritime Street. Phone: 510-763-1080
Town: Oakland State: CA County: Alameda
Railway Connection: One surface track on rear apron connects with Oakland Terminal Railway, Union Pacific Railroad, and Burlington Northern Santa Fe Railway.
Purpose: Receipt and shipment of containerized general cargo.
Depth Alongside (feet): 42 | | Latitude (decimal): 37.817222
Total Berthing Space (feet): 900 | | Longitude (decimal): -122.3156
Remarks: Face of wharf is in line and contiguous with Ref. Nos. 3 and 5. Terminal occupies 46 acres, including 256 positions for refrigerated cargo containers.
Year of Last Survey: 2000 Corps of Engrs Waterway Code: 82280 Dock Code: 930 San Francisco District

Port: **Oakland**
Waterway: **Oakland Outer Harbor** Mile: PWD: 5
Name: **Port of Oakland, Outer Harbor Container Terminal, Berth 24.**
Location: Southeast side, Oakland Outer Harbor, between foot of Petroleum and Pier Streets Datum: MLLW extended.
Operator: Maersk Pacific, Ltd.
Owner: Port of Oakland.
Address: Phone: 510-835-7500/75
Town: Oakland State: CA County: Alameda
Railway Connection: One surface track at rear apron connects with Oakland Terminal Railway, Union Pacific Railroad, and Burlington Northern Santa Fe Railway.
Purpose: Receipt and shipment of containerized general cargo.
Depth Alongside (feet): 42 | | Latitude (decimal): 37.814722
Total Berthing Space (feet): 1,261 | | Longitude (decimal): -122.3178
Remarks: Face of wharf is in line and contiguous with Ref. Nos. 4 and 6. Terminal occupies 57 acres, including 261 positions for refrigerated cargo containers.
Year of Last Survey: 2000 Corps of Engrs Waterway Code: 82280 Dock Code: 920 San Francisco District

Port Series No. 31

Oakland, Alameda, Richmond, and Ports on Carquinez Strait, CA

Port: **Oakland**
Waterway: **Oakland Outer Harbor** Mile: PWD: 7
Name: **Port of Oakland, Outer Harbor Container Terminal, Berth 30.**
Location: Outer Harbor, foot of 7th Street. Datum: MLLW
Operator: Trans Pacific Container Service Corp.
Owner: Port of Oakland.
Address: 2800 Seventh Street. Phone: 510-286-8600/86
Town: Oakland State: CA County: Alameda
Railway Connection: Surface track on apron connects with Oakland Terminal Railway, Union Pacific Railroad, and Burlington Northern Santa Fe Railway.
Purpose: Receipt and shipment of containerized general cargo.
Depth Alongside (feet): 42 | | Latitude (decimal): 37.810278
Total Berthing Space (feet): 1,075 | | Longitude (decimal): -122.3253
Remarks: Terminal occupies 33 acres including 282 outlets for refrigerated cargo containers.
Year of Last Survey: 2000 Corps of Engrs Waterway Code: 82280 Dock Code: 899 San Francisco District

Port: **Oakland**
Waterway: **Oakland Outer Harbor** Mile: PWD: 3
Name: **Port of Oakland, Outer Harbor Container Terminal, Berths 20-21 and**
Location: South side, inner end of Oakland Outer Harbor. Datum: MLLW
Operator: Maersk Pacific, Ltd.
Owner: Port of Oakland.
Address: 1425 Maritime Street. Phone: 510-271-1018
Town: Oakland State: CA County: Alameda
Railway Connection: None.
Purpose: Receipt and shipment of containerized general cargo.
Depth Alongside (feet): 42 | | Latitude (decimal): 37.819167
Total Berthing Space (feet): 1,355 | | Longitude (decimal): -122.3108
Remarks: Face of wharf (Berth 22) is in line and contiguous with Ref. No. 4. Terminal occupies 59 acres, including 362 positions for refrigerated cargo containers.
Year of Last Survey: 2000 Corps of Engrs Waterway Code: 82280 Dock Code: 948 San Francisco District

Port Series No. 31

Oakland, Alameda, Richmond, and Ports on Carquinez Strait, CA

Port: **Oakland**
 Waterway: **Oakland Outer Harbor** Mile: PWD: 6
 Name: **Port of Oakland, Outer Harbor Container Terminal, Berths 25 and 26**
 Location: Southeast side, Oakland Outer Harbor, between foot of Petroleum and Ferry Streets Datum: MLLW extended.
 Operator: TransBay Container Terminal Company.
 Owner: Port of Oakland.
 Address: 2500 Seventh Street. Phone: 510-839-8228 ex
 Town: Oakland State: CA County: Alameda
 Railway Connection: Surface track at rear of storage area connects with Oakland Terminal Railway, Union Pacific Railroad, and Burlington Northern Santa Fe Railway (Berth 25 only).
 Purpose: Receipt and shipment of containerized general cargo.
 Depth Alongside (feet): 42 | | Latitude (decimal): 37.811944
 Total Berthing Space (feet): 1,138 | | Longitude (decimal): -122.3208
 Remarks: Face of wharf is in line and contiguous with Ref. No. 5. Terminal occupies 40 acres, including 288 positions for refrigerated cargo containers.
 Year of Last Survey: 2000 Corps of Engrs Waterway Code: 82280 Dock Code: 915 San Francisco District

Port: **Oakland**
 Waterway: **Oakland Outer Harbor** Mile: PWD: 8
 Name: **Port of Oakland, Outer Harbor Container Terminal, Berths 32, 33, a**
 Location: Inner end, northerly side of Seventh Street Marine Terminal. Datum: MLLW
 Operator: Stevedoring Services of America Terminals.
 Owner: Port of Oakland.
 Address: 3050 Seventh Street. Phone: 510-271-9710/98
 Town: Oakland State: CA County: Alameda
 Railway Connection: Surface track on Berths 32 and 33 apron, and one serving CFS, connect with Oakland Terminal Railway, Union Pacific Railroad, and Burlington Northern Santa Fe Railway.
 Purpose: Berths 32 and 33: Receipt and shipment of containerized and heavy lift general cargo. Berth 34: Receipt and shipment of roll-on/roll-off cargo.
 Depth Alongside (feet): 38 | - | 38 Latitude (decimal): 37.810833
 Total Berthing Space (feet): 1,761 | - | 720 Longitude (decimal): -122.3314
 Remarks: Terminal occupies 65 acres including 386 outlets for refrigerated cargo containers.
 Year of Last Survey: 2000 Corps of Engrs Waterway Code: 82280 Dock Code: 884 San Francisco District

Port Series No. 31

Oakland, Alameda, Richmond, and Ports on Carquinez Strait, CA

Port: **Oakland**
Waterway: **Oakland South Outer Harbor** Mile: PWD: 10
Name: **Port of Oakland, Seventh Street Marine Terminal, Berth 40.**
Location: Outer end, northwest side, Oakland South Outer Harbor. Datum: MLLW
Operator: Oscar Niemeth Towing, Inc.
Owner: Port of Oakland.
Address: 4001 Seventh Street. Phone: 510-893-0231
Town: Oakland State: CA County: Alameda
Railway Connection: None.
Purpose: Mooring company-owned floating equipment.
Depth Alongside (feet): 35 | | Latitude (decimal): 37.805556
Total Berthing Space (feet): 440 | | Longitude (decimal): -122.3319
Remarks: A 160- by 40-foot deck barge is normally moored at face. Dispatch office is located at rear. Plans called for the operator to move to a new facility in 2001.

Year of Last Survey: 2000 Corps of Engrs Waterway Code: 82280 Dock Code: 810 San Francisco District

Port: **Oakland**
Waterway: **Tidal Canal** Mile: PWD: 25
Name: **Hanson Aggregates Mid-Pacific, Oakland Wharf.**
Location: North side, Tidal Canal, 400 feet above High Street Bridge. Datum: MLLW
Operator: Hanson Aggregates Mid-Pacific, Ltd.
Owner: Hanson Aggregates Mid-Pacific, Ltd.
Address: 4501 Tidewater Avenue. Phone: 510-261-8533
Town: Oakland State: CA County: Alameda
Railway Connection: None.
Purpose: Receipt of sand and gravel by barge.
Depth Alongside (feet): 15 | | Latitude (decimal): 37.763333
Total Berthing Space (feet): 238 | | Longitude (decimal): -122.2228
Remarks: Approximately 2 1/2 acres of open storage area are located in rear.

Year of Last Survey: 2000 Corps of Engrs Waterway Code: 82280 Dock Code: 425 San Francisco District

Port Series No. 31

Oakland, Alameda, Richmond, and Ports on Carquinez Strait, CA

Port: **Richmond**
Waterway: **Ford Channel** Mile: PWD: 35
Name: **Red and White Fleet, Richmond Ferry Dock.**
Location: West entrance to Ford Channel, at foot of Harbour Way South. Datum: MLLW
Operator: Red and White Fleet.
Owner: City of Richmond.
Address: 1453 Harbour Way South. Phone: 415-447-0591x2
Town: Richmond State: CA County: Contra Costa
Railway Connection: None.
Purpose: Landing for passenger ferries serving San Francisco.
Depth Alongside (feet): 14 - 16 | | Latitude (decimal): 37.909444
Total Berthing Space (feet): 80 | | Longitude (decimal): -122.36
Remarks: Vessels operate to Fisherman's Wharf (Pier 43 1/2) and to Ferry Building (Pier 1/2) in San Francisco.
Parking lot is located at rear.

Year of Last Survey: 2000 Corps of Engnrs Waterway Code: 82300 Dock Code: 596 San Francisco District

Port: **Richmond**
Waterway: **Inner Harbor Channel** Mile: PWD: 51
Name: **ARCO Products Co., Richmond Barge Wharf.**
Location: Right bank, Inner Harbor Channel, approximately 0.2 mile below entrance to Santa Fe Channel. Datum: MLLW
Operator: ARCO Products Co.
Owner: ARCO Products Co.
Address: 1306 Canal Boulevard. Phone: 510-236-0313
Town: Richmond State: CA County: Contra Costa
Railway Connection: Tracks serving tank car loading racks in rear connect with Burlington Northern Santa Fe Railway.
Purpose: Mooring oil spill response vessel 'Clean Bay I.'
Depth Alongside (feet): 35 | | Latitude (decimal): 37.913333
Total Berthing Space (feet): 710 | | Longitude (decimal): -122.365
Remarks: Nine 8-inch pipelines extending from wharf to storage tanks described under Ref. No. 52 were not in use at time of survey.

Year of Last Survey: 2000 Corps of Engnrs Waterway Code: 82300 Dock Code: 454 San Francisco District

Port Series No. 31

Oakland, Alameda, Richmond, and Ports on Carquinez Strait, CA

Port: **Richmond**
Waterway: **Inner Harbor Channel** Mile: PWD: 52
Name: **ARCO Products Co., Richmond Tanker Wharf.**
Location: Right bank, Inner Harbor Channel, approximately 0.3 mile below entrance to Santa Fe Channel. Datum: MLLW
Operator: ARCO Products Co.
Owner: ARCO Products Co.
Address: 1306 Canal Boulevard. Phone: 510-236-0313
Town: Richmond State: CA County: Contra Costa
Railway Connection: Tracks serving tank car loading racks in rear connect with Burlington Northern Santa Fe Railway.
Purpose: Receipt and occasional shipment of petroleum products.
Depth Alongside (feet): 38 | | Latitude (decimal): 37.911944
Total Berthing Space (feet): 710 | | Longitude (decimal): -122.3647
Remarks: Wharf is connected to Barge Wharf (Ref. No. 51) by walkway. Ten 6- (not in use at time of survey 2000) and five 8-inch pipelines extend from wharf to 46 steel storage tanks located at rear, total capacity 737,000 barrels. Storage tanks at terminal are connected with interstate pipeline system of Kinder Morgan Energy Partners LLC.

Year of Last Survey: 2000 Corps of Engrs Waterway Code: 82300 Dock Code: 450 San Francisco District

Port: **Richmond**
Waterway: **Inner Harbor Channel** Mile: PWD: 58
Name: **Port of Richmond Terminal No. 1 Wharf.**
Location: Point Richmond, east of foot of Garrard Boulevard. Datum: MLLW
Operator: City of Richmond.
Owner: City of Richmond.
Address: 860 S. Garrard Boulevard. Phone: 510-215-4600
Town: Richmond State: CA County: Contra Costa
Railway Connection: None.
Purpose: Mooring SS Red Oak Victory.
Depth Alongside (feet): 29 | | Latitude (decimal): 37.908333
Total Berthing Space (feet): 557 | | Longitude (decimal): -122.3869
Remarks: -

Year of Last Survey: 2000 Corps of Engrs Waterway Code: 82300 Dock Code: 356 San Francisco District

Port Series No. 31

Oakland, Alameda, Richmond, and Ports on Carquinez Strait, CA

Port: **Richmond**
Waterway: **Inner Harbor Channel** Mile: PWD: 54
Name: **Port of Richmond, Point Potrero Marine Terminal No. 6 Wharf.**
Location: Inner Harbor Channel, south side of Point Potrero. Datum: MLLW
Operator: Marin Tug & Barge, Inc.
Owner: City of Richmond.
Address: 1318 Canal Boulevard. Phone: 510-236-5880
Town: Richmond State: CA County: Contra Costa
Railway Connection: Trackage serving terminal in rear connects with Burlington Northern Santa Fe Railway.
Purpose: Mooring company-owned tug and bunkering barge.
Depth Alongside (feet): 32 | 24 | Latitude (decimal): 37.905
Total Berthing Space (feet): 266 | 450 | Longitude (decimal): -122.3642
Remarks: Dispatch office is located at rear.
Year of Last Survey: 2000 Corps of Eng'rs Waterway Code: 82300 Dock Code: 430 San Francisco District

Port: **Richmond**
Waterway: **Inner Harbor Channel** Mile: PWD: 53
Name: **Port of Richmond, Point Potrero Marine Terminal No. 7 Wharf.**
Location: Right side of entrance to Inner Harbor Channel, east side of Point Potrero. Datum: MLLW
Operator: Pasha Group.
Owner: City of Richmond.
Address: 1301 Canal Boulevard. Phone: 510-215-4600
Town: Richmond State: CA County: Contra Costa
Railway Connection: Trackage serving terminal in rear connects with Burlington Northern Santa Fe Railway.
Purpose: Occasional receipt and shipment of general cargo.
Depth Alongside (feet): 38 | | Latitude (decimal): 37.9075
Total Berthing Space (feet): 1,615 | | Longitude (decimal): -122.3639
Remarks: Pasha Group has preferential berthing at terminal. There are 40 acres of paved, open storage for automobiles at rear and an additional 50 acres of unpaved area owned by the Port of Richmond.
Year of Last Survey: 2000 Corps of Eng'rs Waterway Code: 82300 Dock Code: 442 San Francisco District

Port Series No. 31

Oakland, Alameda, Richmond, and Ports on Carquinez Strait, CA

Port: **Richmond**
Waterway: **Inner Harbor Channel** Mile: PWD: 55
Name: **Port of Richmond, Point Potrero Marine Terminal, Berths Nos. R6-1**
Location: Inner Harbor Channel, south side of Point Potrero. Datum: MLLW
Operator: Port of Richmond.
Owner: City of Richmond.
Address: 1313 Canal Boulevard. Phone: 510-215-4600
Town: Richmond State: CA County: Contra Costa
Railway Connection: None.
Purpose: Mooring vessels.
Depth Alongside (feet): 15 - * | 27 - * | 27 - * Latitude (decimal): 37.904722
Total Berthing Space (feet): 576 | 748 | 587 Longitude (decimal): -122.3664
Remarks: Berth R6-1 (Dock No. 1) is on the west end, Berth R6-5 (Dock No. 5) on the east end.
Year of Last Survey: 2000 Corps of Eng'rs Waterway Code: 82300 Dock Code: 420 San Francisco District

Port: **Richmond**
Waterway: **Inner Harbor Channel** Mile: PWD: 56
Name: **Port of Richmond, Point Potrero Marine Terminal, Finger Pier 1.**
Location: North side, Inner Harbor Channel, approximately 0.4 mile west of Point Potrero. Datum: MLLW
Operator: Marine Spill Response Corp.
Owner: City of Richmond.
Address: 1314 Canal Boulevard. Phone: 510-215-1833
Town: Richmond State: CA County: Contra Costa
Railway Connection: None.
Purpose: Mooring response vessels.
Depth Alongside (feet): 30 | 12 | 30 Latitude (decimal): 37.905
Total Berthing Space (feet): 48 | 522 | 472 Longitude (decimal): -122.3717
Remarks: Pier forms 280-foot wide slip with Finger Pier 2 (Ref. No. 57). Pacific Responder and MSRC-452 are based at pier.
Year of Last Survey: 2000 Corps of Eng'rs Waterway Code: 82300 Dock Code: 403 San Francisco District

Port Series No. 31

Oakland, Alameda, Richmond, and Ports on Carquinez Strait, CA

Port: **Richmond**
Waterway: **Inner Harbor Channel** Mile: PWD: 57
Name: **Port of Richmond, Point Potrero Marine Terminal, Finger Pier 2.**
Location: North side, Inner Harbor Channel, approximately 0.4 mile west of Point Potrero. Datum: MLLW
Operator: Foss Maritime Co.
Owner: City of Richmond.
Address: 1316 Canal Boulevard. Phone: 510-307-7820
Town: Richmond State: CA County: Contra Costa
Railway Connection: None.
Purpose: Mooring company-owned floating equipment, including tugs and bunkering barges.
Depth Alongside (feet): 10 - 19 | | Latitude (decimal): 37.905556
Total Berthing Space (feet): 547 | | Longitude (decimal): -122.3731
Remarks: Pier forms 280-foot wide slip with Finger Pier 1 (Ref. No. 56). Dispatch office is located at rear.
Year of Last Survey: 2000 Corps of Engrs Waterway Code: 82300 Dock Code: 401 San Francisco District

Port: **Richmond**
Waterway: **Inner Harbor Channel** Mile: PWD: 37
Name: **Port of Richmond, Terminal No. 2, Lower Wharf.**
Location: Left bank, Inner Harbor Channel, approximately 400 feet above foot of Hall Avenue Datum: MLLW
Operator: Not operated.
Owner: City of Richmond.
Address: Phone: 510-215-4600
Town: Richmond State: CA County: Contra Costa
Railway Connection: None.
Purpose: Not used.
Depth Alongside (feet): 38 | | Latitude (decimal): 37.915278
Total Berthing Space (feet): 192 | | Longitude (decimal): -122.3622
Remarks: Face of wharf is in line with face of adjacent wharves (Ref. Nos. 36 and 38), providing approximately 1,780 feet of continuous berthing space.
Year of Last Survey: 2000 Corps of Engrs Waterway Code: 82300 Dock Code: 573 San Francisco District

Port Series No. 31

Oakland, Alameda, Richmond, and Ports on Carquinez Strait, CA

Port: **Richmond**
 Waterway: **Inner Harbor Channel** Mile: PWD: 38
 Name: **Port of Richmond, Terminal No. 2, Upper Wharf.**
 Location: Left bank, Inner Harbor Channel, approximately 900 feet above foot of Hall Avenue extended. Datum: MLLW
 Operator: California Oils Corporation.
 Owner: City of Richmond.
 Address: 1145 Harbour Way South. Phone: 510-231-6423
 Town: Richmond State: CA County: Contra Costa
 Railway Connection: Surface track serving terminal at rear; connects with Burlington Northern Santa Fe Railway and Union Pacific Railroad.
 Purpose: Receipt and shipment of edible oils.
 Depth Alongside (feet): 38 | | Latitude (decimal): 37.916389
 Total Berthing Space (feet): 300 | | Longitude (decimal): -122.3622
 Remarks: Face of wharf is in line with face of adjacent wharves (Ref. Nos. 36 and 37), providing approximately 1,780 feet of continuous berthing space. Three 6-inch pipelines extend from wharf to ten storage tanks located at processing plant in rear, total capacity 2,000,000 gallons.
 Year of Last Survey: 2000 Corps of Engrs Waterway Code: 82300 Dock Code: 573 San Francisco District

Port: **Richmond**
 Waterway: **Inner Harbor Channel** Mile: PWD: 36
 Name: **Port of Richmond, Terminal No. 3 Wharf.**
 Location: Left bank, Inner Harbor Channel, approximately 1,000 feet above entrance, at foot of Hall Avenue extended. Datum: MLLW
 Operator: Stevedoring Services of America.
 Owner: City of Richmond.
 Address: 1411 Harbour Way South. Phone: 510-232-1741
 Town: Richmond State: CA County: Contra Costa
 Railway Connection: None.
 Purpose: Receipt and shipment of conventional general cargo, including steel, wood products, and heavy lift items.
 Depth Alongside (feet): 38 | | Latitude (decimal): 37.913056
 Total Berthing Space (feet): 1,109 | | Longitude (decimal): -122.3617
 Remarks: Face of wharf is in line with face of adjacent wharves (Ref. Nos. 37 and 38), providing approximately 1,780 feet of continuous berthing. Approximately 18 acres of paved, open storage area are located in rear.
 Year of Last Survey: 2000 Corps of Engrs Waterway Code: 82300 Dock Code: 575 San Francisco District

Port Series No. 31

Oakland, Alameda, Richmond, and Ports on Carquinez Strait, CA

Port: **Richmond**
 Waterway: **Inner Harbor Channel** Mile: PWD: 39
 Name: **Shore Terminals, Richmond Wharf.**
 Location: North side of junction of Inner Harbor Channel and Santa Fe Channel. Datum: MLLW
 Operator: Shore Terminals LLC.
 Owner: Shore Terminals LLC.
 Address: 488 Wright Avenue. Phone: 510-232-7447
 Town: Richmond State: CA County: Contra Costa
 Railway Connection: One 3 car capacity surface track serving tank car loading rack at west side of terminal connects with Parr Terminal Railroad, Burlington Northern Santa Fe Railway, and Union Pacific Railroad.
 Purpose: Receipt and shipment of petroleum products.
 Depth Alongside (feet): 33 | | Latitude (decimal): 37.918056
 Total Berthing Space (feet): 700 | | Longitude (decimal): -122.3642
 Remarks: Five 10- and one 8-inch pipelines extend from wharf to 25 steel storage tanks, total capacity 618,000 barrels.
 Year of Last Survey: 2000 Corps of Engrs Waterway Code: 82300 Dock Code: 556 San Francisco District

Port: **Richmond**
 Waterway: **Inner Harbor Channel** Mile: PWD: 49
 Name: **Tosco Refining Co., Richmond Barge Wharf.**
 Location: Right bank, Inner Harbor Channel, south of entrance to Santa Fe Channel. Datum: MLLW
 Operator: Tosco Refining Co.
 Owner: Tosco Refining Co., A Division of Tosco Corp.
 Address: 1300 Canal Boulevard. Phone: 510-412-7612
 Town: Richmond State: CA County: Contra Costa
 Railway Connection: Tracks serving loading racks and warehouse at plant in rear connect with Burlington Northern Santa Fe Railway.
 Purpose: Shipment and occasional receipt of petroleum products; loading barges for bunkering vessels at berth.
 Depth Alongside (feet): 37 | | Latitude (decimal): 37.916111
 Total Berthing Space (feet): 836 | | Longitude (decimal): -122.3656
 Remarks: One 6-inch pipeline extends from wharf to one 5,000-barrel-capacity slop tank at rear. Ten 6-inch pipelines extend to storage tanks described under Ref. No. 50. Terminal is connected by pipeline with company-owned refinery at Rodeo, California. (See Ref. No. 63 in the Carquinez Strait section of this report.)
 Year of Last Survey: 2000 Corps of Engrs Waterway Code: 82300 Dock Code: 458 San Francisco District

Port Series No. 31

Oakland, Alameda, Richmond, and Ports on Carquinez Strait, CA

Port: **Richmond**

Waterway: **Inner Harbor Channel** Mile: PWD: 50

Name: **Tosco Refining Co., Richmond Tanker Wharf.**

Location: Right bank, Inner Harbor Channel, approximately 0.1 mile below entrance to Santa Fe Channel. Datum: MLLW

Operator: Tosco Refining Co. and GATX Terminals Corp.

Owner: Tosco Refining Co., A Division of Tosco Corp.

Address: 1300 Canal Boulevard. Phone: 510-412-8810

Town: Richmond State: CA County: Contra Costa

Railway Connection: Tracks serving loading racks, and warehouse at plant in rear; connect with Burlington Northern Santa Fe Railway.

Purpose: Receipt and shipment of petroleum products and liquid bulk products including solvents, vegetable oils, coconut oil, and caustic soda.

Depth Alongside (feet): 37 | | Latitude (decimal): 37.915

Total Berthing Space (feet): 836 | | Longitude (decimal): -122.3653

Remarks: Wharf connected to Barge Wharf (Ref. No. 49) by walkway. Tosco Refining Co.: two 10- and six 8-inch pipelines extend from wharf to 82 steel storage tanks located at rear, total capacity 237,300 barrels. GATX Terminals Corp.: six 8- and sixteen 6-inch pipelines extend from wharf to 135 steel storage tanks located at rear, total capacity 620,000 barrels. Facility is operated as a public liquid bulk terminal.

Year of Last Survey: 2000 Corps of Engrs Waterway Code: 82300 Dock Code: 462 San Francisco District

Port: **Richmond**

Waterway: **Lauritzen Channel** Mile: PWD: 41

Name: **Manson Construction Co., Richmond Mooring.**

Location: Inner end, west side of Lauritzen Canal. Datum: MLLW

Operator: Manson Construction Co.

Owner: Jim Peterson and Manson Construction Co.

Address: 200 Cutting Boulevard. Phone: 510-232-6319

Town: Richmond State: CA County: Contra Costa

Railway Connection: None.

Purpose: Mooring company-owned floating equipment.

Depth Alongside (feet): 10 - 15 | | Latitude (decimal): 37.924167

Total Berthing Space (feet): 200 | | Longitude (decimal): -122.3672

Remarks: -

Year of Last Survey: 2000 Corps of Engrs Waterway Code: 82300 Dock Code: 530 San Francisco District

Port Series No. 31

Oakland, Alameda, Richmond, and Ports on Carquinez Strait, CA

Port: **Richmond**
Waterway: **Lauritzen Channel** Mile: PWD: 42
Name: **Manson Construction Co., Richmond Wharf.**
Location: West side, Lauritzen Canal, approximately 500 feet above entrance. Datum: MLLW
Operator: Manson Construction Co.
Owner: Jim Peterson and Manson Construction Co.
Address: 200 Cutting Boulevard. Phone: 510-232-6319
Town: Richmond State: CA County: Contra Costa
Railway Connection: None.
Purpose: Mooring company-owned floating equipment; handling construction materials, supplies, and equipment.
Depth Alongside (feet): 15 - 20 | | Latitude (decimal): 37.922778
Total Berthing Space (feet): 640 | | Longitude (decimal): -122.3675
Remarks: Contractor's storage yard is located at rear.
Year of Last Survey: 2000 Corps of Engrs Waterway Code: 82300 Dock Code: 530 San Francisco District

Port: **Richmond**
Waterway: **Outer Harbor Channel** Mile: PWD: 60
Name: **Chevron Products Co., Richmond Long Wharf Mooring Dock.**
Location: Richmond Outer Harbor, on southeast side of Long Wharf (Ref. No. 59) approach, Datum: MLLW
275 feet in rear of face
Operator: Chevron Products Co.
Owner: Chevron Products Co.
Address: 841 Chevron Way. Phone: 510-242-3308
Town: Richmond State: CA County: Contra Costa
Railway Connection: Tracks serving terminal at rear connect with Burlington Northern Santa Fe Railway and Union Pacific Railroad.
Purpose: Mooring tugs.
Depth Alongside (feet): 15 | 15 | 15 Latitude (decimal): 37.921667
Total Berthing Space (feet): 451 | 53 | 425 Longitude (decimal): -122.4083
Remarks: Buildings located along the main wharf approach contain offices.
Year of Last Survey: 2000 Corps of Engrs Waterway Code: 82300 Dock Code: 214 San Francisco District

Port Series No. 31

Oakland, Alameda, Richmond, and Ports on Carquinez Strait, CA

Port: **Richmond**
Waterway: **Outer Harbor Channel** Mile: PWD: 59
Name: **Chevron Products Co., Richmond Long Wharf.**
Location: Easterly side, Richmond Outer Harbor Maneuvering Area, approximately 0.8 mile south of Richmond-San Ra Datum: MLLW
Operator: Chevron Products Co.
Owner: Chevron Products Co.
Address: 841 Chevron Way. Phone: 510-242-3308
Town: Richmond State: CA County: Contra Costa
Railway Connection: Tracks serving terminal at rear connect with Burlington Northern Santa Fe Railway and Union Pacific Railroad.
Purpose: Receipt of crude oil; receipt and shipment of petroleum products; bunkering vessels; loading bunkering barges.
Depth Alongside (feet): 40 - 50 | 20 | 20 Latitude (decimal): 37.921944
Total Berthing Space (feet): 3,065 | 630 | 1,660 Longitude (decimal): -122.4108
Remarks: Tankers and barges berth at face, and barges at rear of face. One 36-, one 30-, two 16-, fourteen 12-, nine 8-, five 6-, and two 4-inch pipelines extend from wharf to approximately 350 steel storage tanks at refinery in rear; total capacity 20,280,000 barrels.
Year of Last Survey: 2000 Corps of Engrs Waterway Code: 82300 Dock Code: 214 San Francisco District

Port: **Richmond**
Waterway: **San Francisco Bay** Mile: PWD: 61
Name: **Chevron Products Co., Richmond Point Orient Wharf.**
Location: San Francisco Bay, Richmond Outer Harbor; Point Orient, approximately 1.8 miles north of Richmond-San Ra Datum: MLLW
Operator: Not operated.
Owner: Chevron Products Co.
Address: Phone: 510-242-3308
Town: Richmond State: CA County: Contra Costa
Railway Connection: None.
Purpose: Not used.
Depth Alongside (feet): 36 | 18 | 36 Latitude (decimal): 37.955556
Total Berthing Space (feet): 504 | 464 | 60, Longitude (decimal): -122.4283
Remarks: All pipelines have been disconnected at wharf.
Year of Last Survey: 2000 Corps of Engrs Waterway Code: 82300 Dock Code: 043 San Francisco District

Port Series No. 31

Oakland, Alameda, Richmond, and Ports on Carquinez Strait, CA

Port: **Richmond**
Waterway: **San Francisco Bay** Mile: PWD: 62
Name: **Port of Richmond, Terminal No. 4 Wharf.**
Location: San Francisco Bay, Richmond Outer Harbor, Point San Pablo, approximately 2.1 miles north of Richmond-San Datum: MLLW
Operator: Paktank Corp.
Owner: City of Richmond.
Address: 2101 Western Drive. Phone: 510-233-0418
Town: Richmond State: CA County: Contra Costa
Railway Connection: Two surface tracks on north side of Western Avenue, one serving tank car loading racks; connect with Burlington Northern Santa Fe Railway and Union Pacific Railroad.
Purpose: Receipt and shipment of liquid bulk products, including petroleum products, petrochemicals, chemicals, and vegetable oils.
Depth Alongside (feet): 35 | | 32 Latitude (decimal): 37.963056
Total Berthing Space (feet): 1,047 | - | - Longitude (decimal): -122.4294
Remarks: One 12-, one 10-, seventeen 6-, and one 4-inch pipelines extend from wharf to 79 storage tanks located at rear, total capacity 504,500 barrels. Facility is operated as a public liquid bulk terminal.
Year of Last Survey: 2000 Corps of Engnrs Waterway Code: 82300 Dock Code: 025 San Francisco District

Port: **Richmond**
Waterway: **Santa Fe Channel** Mile: PWD: 44
Name: **Bay Ship & Yacht Co., Richmond Wharf.**
Location: Left bank, Santa Fe Channel, at entrance to Richmond Yacht Harbor. Datum: MLLW
Operator: Bay Ship & Yacht Co.
Owner: Bay Ship & Yacht Co.
Address: 310 West Cutting Boulevard. Phone: 510-237-0140
Town: Richmond State: CA County: Contra Costa
Railway Connection: None.
Purpose: Mooring small vessels for repair.
Depth Alongside (feet): 20 | | Latitude (decimal): 37.923056
Total Berthing Space (feet): 120 | | Longitude (decimal): -122.3719
Remarks: One 20-ton, mobile, vertical boat lift serves yard at rear.
Year of Last Survey: 2000 Corps of Engnrs Waterway Code: 82300 Dock Code: 503 San Francisco District

Port Series No. 31

Oakland, Alameda, Richmond, and Ports on Carquinez Strait, CA

Port: **Richmond**
Waterway: **Santa Fe Channel** Mile: PWD: 47
Name: **Castrol North America, Richmond Wharf.**
Location: Right bank, near head of Santa Fe Channel. Datum: MLLW
Operator: Castrol North America, Inc.
Owner: Castrol North America, Inc.
Address: 801 Wharf Street. Phone: 510-236-6312
Town: Richmond State: CA County: Contra Costa
Railway Connection: None.
Purpose: Receipt and shipment of petroleum products by barge and vessel.
Depth Alongside (feet): 32 | | Latitude (decimal): 37.9225
Total Berthing Space (feet): 700 | | Longitude (decimal): -122.3739
Remarks: Two 6- and twelve 4-inch pipelines extend from wharf to 53 steel storage tanks located at rear, total capacity 85,000 barrels.

Year of Last Survey: 2000 Corps of Engnrs Waterway Code: 82300 Dock Code: 488 San Francisco District

Port: **Richmond**
Waterway: **Santa Fe Channel** Mile: PWD: 43
Name: **IMTT-Richmond-CA, Richmond Wharf.**
Location: Left bank, Santa Fe Channel, above entrance to Lauritzen Canal. Datum: MLLW
Operator: IMTT-Richmond-CA.
Owner: IMTT-Richmond-CA.
Address: 100 Cutting Boulevard. Phone: 510-412-5700
Town: Richmond State: CA County: Contra Costa
Railway Connection: None.
Purpose: Receipt and shipment of petroleum products; receipt of caustic soda and paraffin wax.
Depth Alongside (feet): 38 | | Latitude (decimal): 37.921111
Total Berthing Space (feet): 650 | | Longitude (decimal): -122.3692
Remarks: One 12-, two 10-, three 8-, and nine 6-inch pipelines extend from wharf to 38 petroleum products storage tanks in rear, total capacity 441,200 barrels, one 4,200,000-gallon caustic soda storage tank, and three paraffin wax storage tanks, total capacity 2,520,000 gallons. A 21-foot boom boat and 1,650 feet of floating boom for pollution containment is stored on wharf.

Year of Last Survey: 2000 Corps of Engnrs Waterway Code: 82300 Dock Code: 515 San Francisco District

Port Series No. 31

Oakland, Alameda, Richmond, and Ports on Carquinez Strait, CA

Port: **Richmond**
Waterway: **Santa Fe Channel** Mile: PWD: 45
Name: **Keefe Kaplan Maritime Wharf.**
Location: Left bank, Santa Fe Channel, approximately 0.5 mile from entrance. Datum: MLLW
Operator: Keefe Kaplan Maritime, Inc.
Owner: Keefe Kaplan Maritime, Inc.
Address: 530 West Cutting Boulevard. Phone: 510-235-5564
Town: Richmond State: CA County: Contra Costa
Railway Connection: None.
Purpose: Mooring small vessels for repair; mooring floating drydocks..
Depth Alongside (feet): 20 | | Latitude (decimal): 37.923889
Total Berthing Space (feet): 500 | | Longitude (decimal): -122.3739
Remarks: One 200- and one 100-ton, floating drydocks are located at lower end of and perpendicular to wharf.
Year of Last Survey: 2000 Corps of Eng'rs Waterway Code: 82300 Dock Code: 500 San Francisco District

Port: **Richmond**
Waterway: **Santa Fe Channel** Mile: PWD: 40
Name: **Levin-Richmond Terminal Corp., Richmond Wharf, Berths A, B, and C.**
Location: North side of Santa Fe Channel, and left bank of Lauritzen Canal. Datum: MLLW
Operator: Levin-Richmond Terminal Corp.
Owner: Levin-Richmond Terminal Corp.
Address: 402 Wright Avenue. Phone: 510-232-4422 x3
Town: Richmond State: CA County: Contra Costa
Railway Connection: One surface track on inner section of wharf joins additional tracks serving yard; connect with Parr Terminal Railroad, Burlington Northern Santa Fe Railway, and Union Pacific Railroad.
Purpose: Shipment of scrap metal and petroleum coke; receipt of miscellaneous dry bulk commodities, including coke, bauxite, limestone, and livestock feed.
Depth Alongside (feet): 37 | 34 | Latitude (decimal): 37.921111
Total Berthing Space (feet): 600 | 850 | Longitude (decimal): -122.3669
Remarks: Approximately 5 acres of open storage area are located at rear of face, and an additional 10 acres are located at rear.
Year of Last Survey: 2000 Corps of Eng'rs Waterway Code: 82300 Dock Code: 547 San Francisco District

Port Series No. 31

Oakland, Alameda, Richmond, and Ports on Carquinez Strait, CA

Port: **Richmond**
Waterway: **Santa Fe Channel** Mile: PWD: 48
Name: **National Gypsum Co., Richmond Dock.**
Location: Right bank, Santa Fe Channel, opposite entrance to Lauritzen Canal. Datum: MLLW
Operator: National Gypsum Co., Gold Bond Building Products.
Owner: National Gypsum Co., Gold Bond Building Products.
Address: 1040 Canal Boulevard. Phone: 510-234-6745
Town: Richmond State: CA County: Contra Costa
Railway Connection: Two platform-level tracks inside warehouse in rear connect with Burlington Northern Santa Fe Railway.
Purpose: Receipt of gypsum rock by self-unloading vessel.
Depth Alongside (feet): 38 | | Latitude (decimal): 37.919444
Total Berthing Space (feet): 600 | | Longitude (decimal): -122.3683
Remarks: Gypsum rock is obtained from San Marco Island, Baja California, Mexico. Storage dome located at rear has capacity for 40,000 tons of gypsum rock.

Year of Last Survey: 2000 Corps of Engrs Waterway Code: 82300 Dock Code: 470 San Francisco District

Port: **Richmond**
Waterway: **Santa Fe Channel** Mile: PWD: 46
Name: **Richmond Boat Works Wharf.**
Location: Left bank, inner end, at head of Santa Fe Channel. Datum: MLLW
Operator: Maritime Transit Corp., d.b.a. Richmond Boat Works, Inc.
Owner: Maritime Transit Corp.
Address: 616 West Cutting Boulevard. Phone: 510-232-5800
Town: Richmond State: CA County: Contra Costa
Railway Connection: None.
Purpose: Mooring small vessels for repair.
Depth Alongside (feet): 5 | 20 | Latitude (decimal): 37.924444
Total Berthing Space (feet): - | 65 | Longitude (decimal): -122.3756
Remarks: One 20-ton, marine railway is located on lower side of wharf.

Year of Last Survey: 2000 Corps of Engrs Waterway Code: 82300 Dock Code: 497 San Francisco District
